



DCAC

**OBLON**  
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**MAIER**  
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**P.C.**

Docket No.: 0557-4953-2  
Date Allowed: 08/31/05

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 09/549,511

Applicants: Noriyuki TERAO

Filing Date: April 14, 2000

For: METHOD AND APPARATUS FOR HIGH SPEED  
DATA COMPRESSION AND DECOMPRESSION

Group Art Unit: 2624

Examiner: Do, Ahn Hong

SIR:

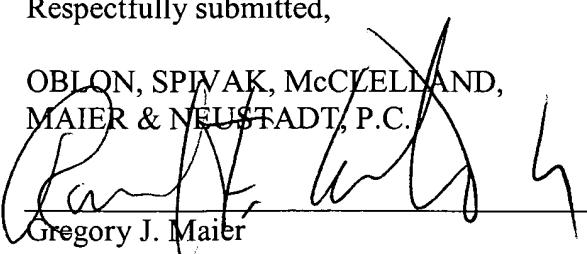
Attached hereto for filing are the following papers:

**PETITION UNDER 37 CFR §1.181(a)(3)**  
**COPIES OF IDS FILED 06/10/04**

Our check in the amount of - 0 - is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
Gregory J. Maier

Registration No. 25,599  
Attorney of Record

Raymond F. Cardillo, Jr.  
Registration No. 40,440

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(703) 413-2220 (fax)



DOCKET NO. 0557-4953-2

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
NORIYUKI TERAO : EXAMINER: DO, A.H.  
SERIAL NO: 09/549,511 :  
FILED: APRIL 14, 2000 : GROUP ART UNIT: 2624  
FOR: METHOD AND APPARATUS FOR :  
HIGH SPEED DATA COMPRESSION  
AND DECOMPRESSION

PETITION UNDER 37 CFR §1.181(a)(3)

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

Sir:

This is a Petition pursuant to 37 CFR §1.181(a)(3) requesting that the examiner be provided the Application file in order to supply Applicants a copy of the below-noted Form PTO 1449 that indicates consideration of the references listed thereon.

STATEMENT OF FACTS

On June 10, 2004, Information Disclosure Statement (IDS) papers were filed that included a Form PTO-1449 listing five (5) references for consideration by the examiner as documented by the attached copy of these IDS papers including the Form PTO-149 and the associated date-stamped mail room filing receipt.

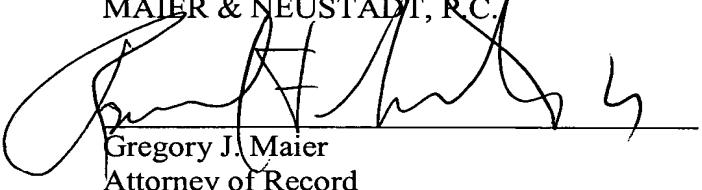
Upon review of this Application after the allowance thereof, it was noted that there was no indication of receipt or consideration of the above-noted Form PTO 1449 listed references.

ACTION REQUESTED

It is respectfully requested that the Examiner be supplied with the application file so that he can provide Applicant a copy of the above-noted Form PTO 1449 indicating proper consideration of the five (5) listed references.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, R.C.



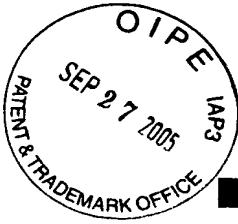
Gregory J. Maier  
Attorney of Record  
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(OSMMN 06/04)

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✓  
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USMM&N File No. 0557-4953-2  
✓ Serial No. 09/549,511

Dept.: E/M  
By: GJM/RFC/jmp

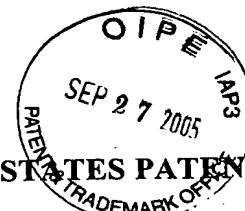
In the matter of the Application of: NORIYUKI TERAO  
For: METHOD AND APPARATUS FOR HIGH SPEED DATA COMPRESSION  
AND DECOMPRESSION

Due Date: 06/12/04

The following has been received in the U.S. Patent Office on the date stamped hereon:

- Credit Card Form for \$770.00
- Dep. Acct. Order Form
- Information Disclosure Statement
- PTO-1449
- Cited References (5)
- RCE





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: NORIYUKI TERAO

SERIAL NO: 09/549,511

GAU: 2624

FILED: APRIL 14, 2000

EXAMINER: DO, A. H.

FOR: METHOD AND APPARATUS FOR HIGH SPEED DATA COMPRESSION AND DECOMPRESSION

## REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

This is a request for Continued Examination (RCE) under 37 C.F.R. §1.114 of the above-identified application.

## Submission required under 37 C.F.R. §1.114

Previously Submitted:

Consider the amendment(s)/reply under 37 C.F.R. §1.116 previously filed on  
 Consider the arguments in the Appeal Brief or Reply Brief previously filed on

Enclosed:

Amendment/Reply  
 Information Disclosure Statement (IDS)  
 Other: Form PTO-1449, Cited References (5)

FEES	RATE	CALCULATIONS
<input type="checkbox"/> Suspension of action on the above-identified application is requested under 37 C.F.R. §1.103(c) for a period of months.	\$130.00	\$0.00
<input checked="" type="checkbox"/> RCE Fee required under 37 C.F.R. §1.17(e)	\$770.00	\$770.00
<input type="checkbox"/>		\$0.00
<input type="checkbox"/>		\$0.00
TOTAL OF ABOVE CALCULATIONS:		\$770.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING AS SMALL ENTITY		\$0.00
TOTAL:		\$770.00

A check in the amount of \$0.00 is enclosed  
 Credit card payment form is attached to cover the fees in the amount of \$770.00  
 Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.  
 If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 CFR 1.136, and any additional fees required under 37 CFR 1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate of this sheet is enclosed.

Respectfully Submitted,

OBOLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.Gregory J. Maier  
Registration No. 25,599  
Attorney of RecordRaymond F. Cardillo, Jr.  
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Docket No. 0557-4953-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: NORIYUKI TERAO

DATE ALLOWED: 03/12/04

SERIAL NO: 09/549,511

GAU: 2624

RCE FILED: HEREWITH

EXAMINER: DO, A.H.

FOR: METHOD AND APPARATUS FOR HIGH SPEED DATA COMPRESSION AND DECOMPRESSION

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

---

Gregory J. Maier  
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Attorney of Record

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Form PTO 1449  
(Modified)U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## LIST OF REFERENCES CITED BY APPLICANT

ATTY DOCKET NO. 0557-4953-2	SERIAL NO. 09/549,511
APPLICANT Noriyuki TERAO	
RCE FILED herewith	GROUP 2624

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						
AM						
AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES      NO
AO	08-139935	05/31/96	Japan (with English abstract)		X
AP	09-027752	01/28/97	Japan (with English abstract)		X
AQ					
AR					
AS					
AT					
AU					
AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AW	"Embedded Image Coding Using Zerotrees of Wavelet Coefficients," IEEE transactions on signal processing, vol. 41 No. 12, December 1993, Jerome M. Shapiro	
AX	"Image Compression via Joint Statistical Characterization in the Wavelet Domain," GRASP Laboratory Technical Report #414, University of Pennsylvania, 30 May 1997, Robert W. Buccigrossi and Eero P. Simoncelli	
AY	"Compression and Segmentation of Images Using an Inter-Subband Wavelet Probability Model," Robert W. Buccigrossi, A Dissertation in Computer and Information Science,	
AZ		<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.